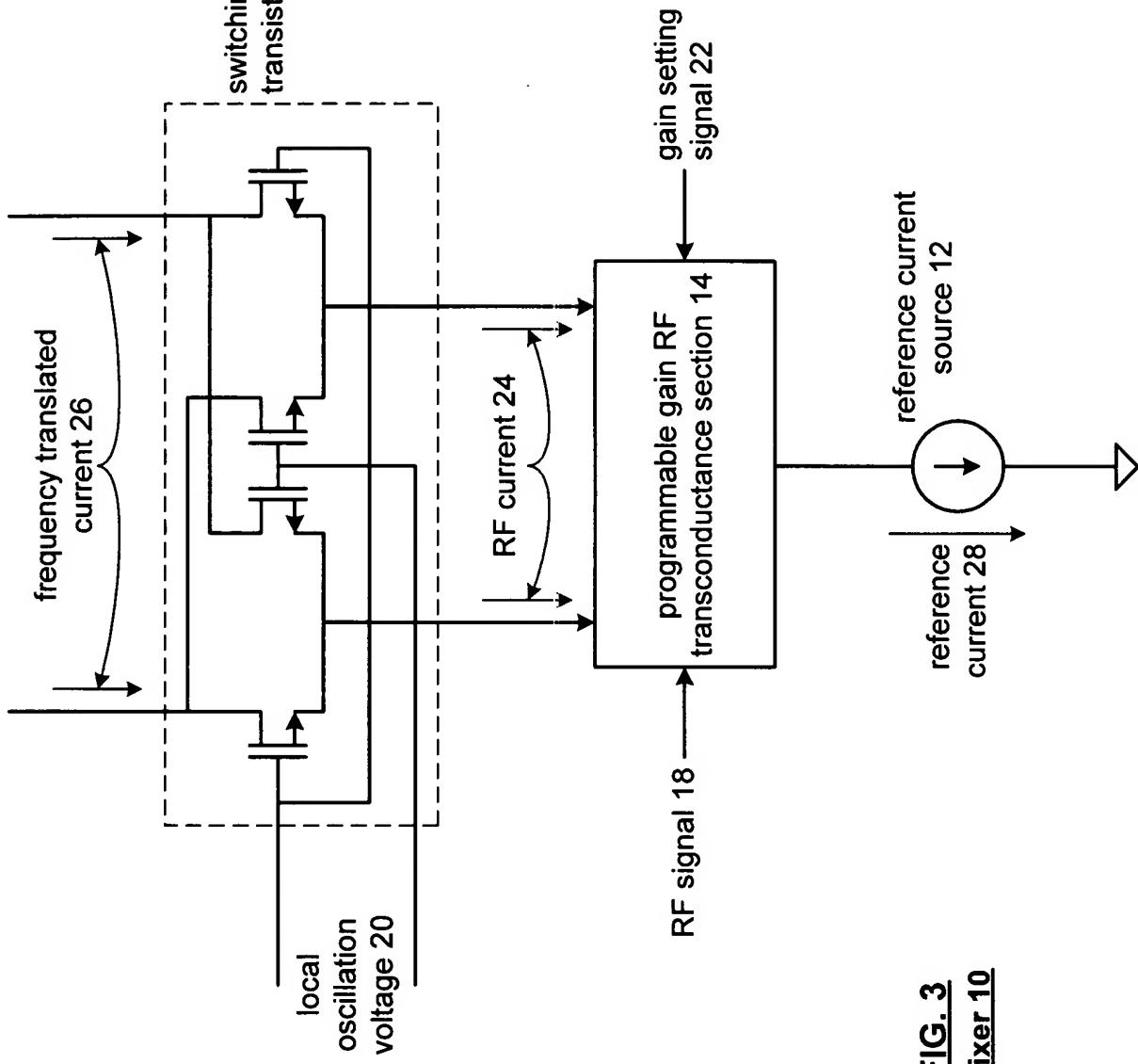


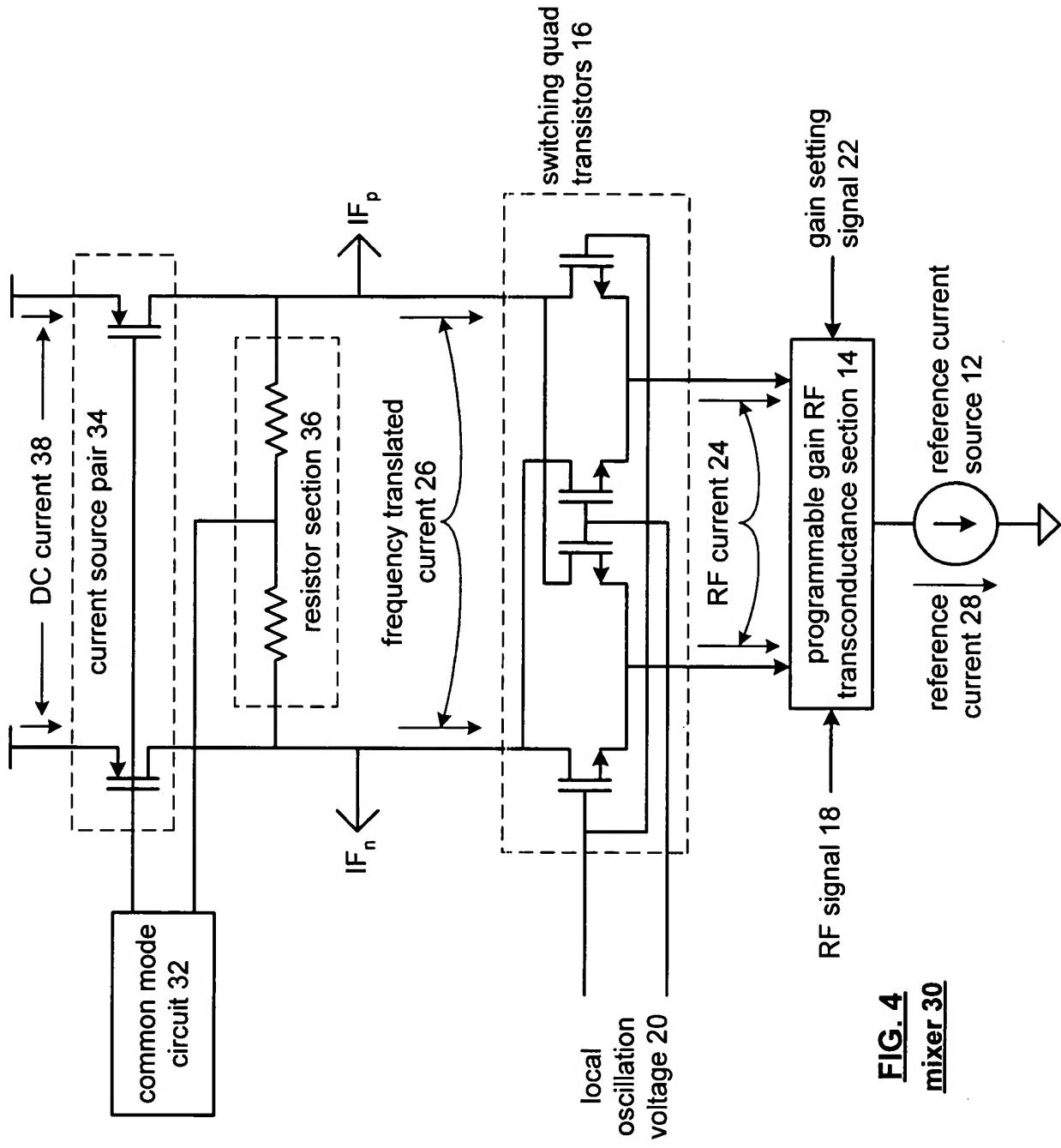
frequency translated current 26

switching quad  
transistors 16

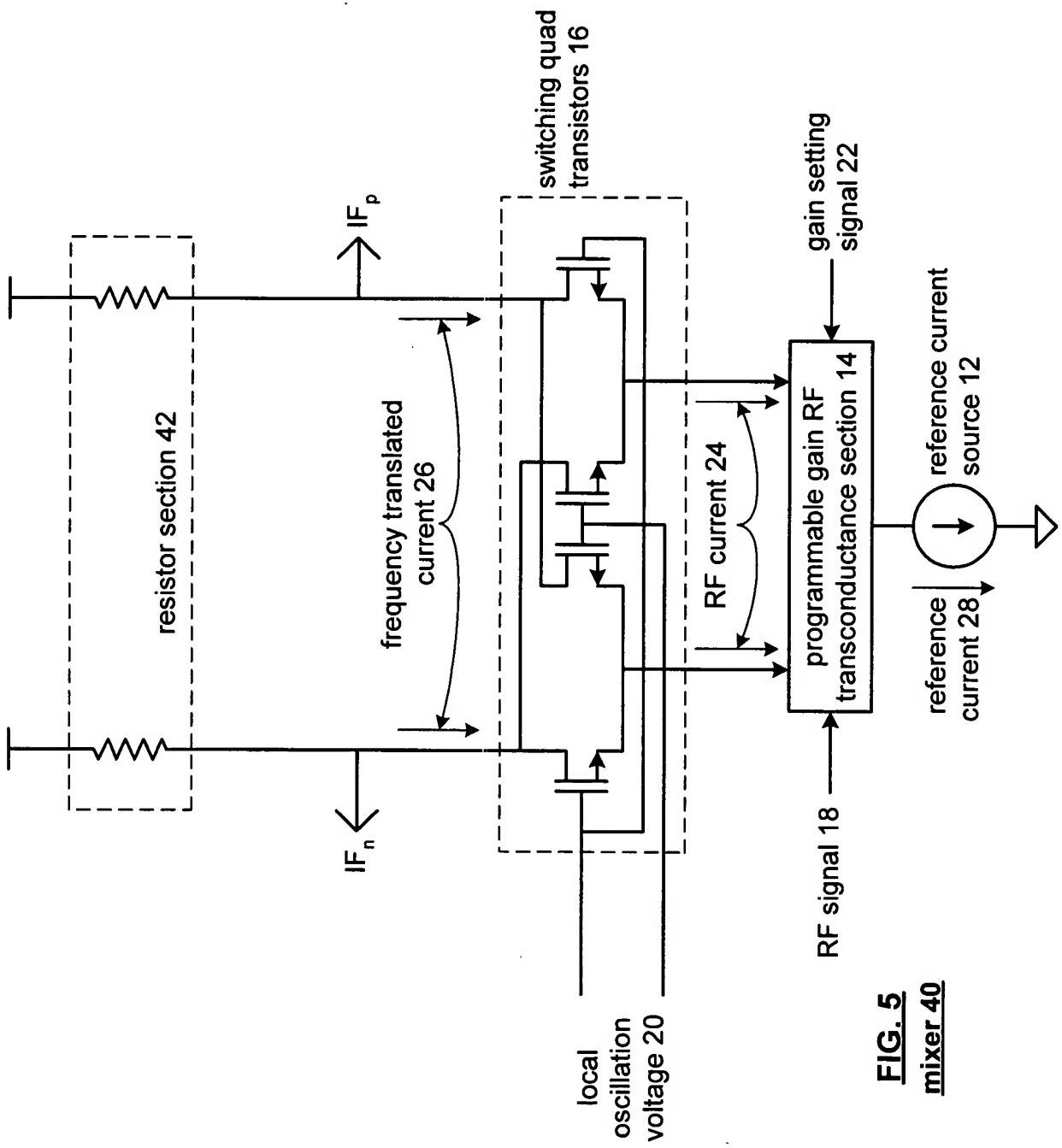


**FIG. 3**  
**mixer 10**

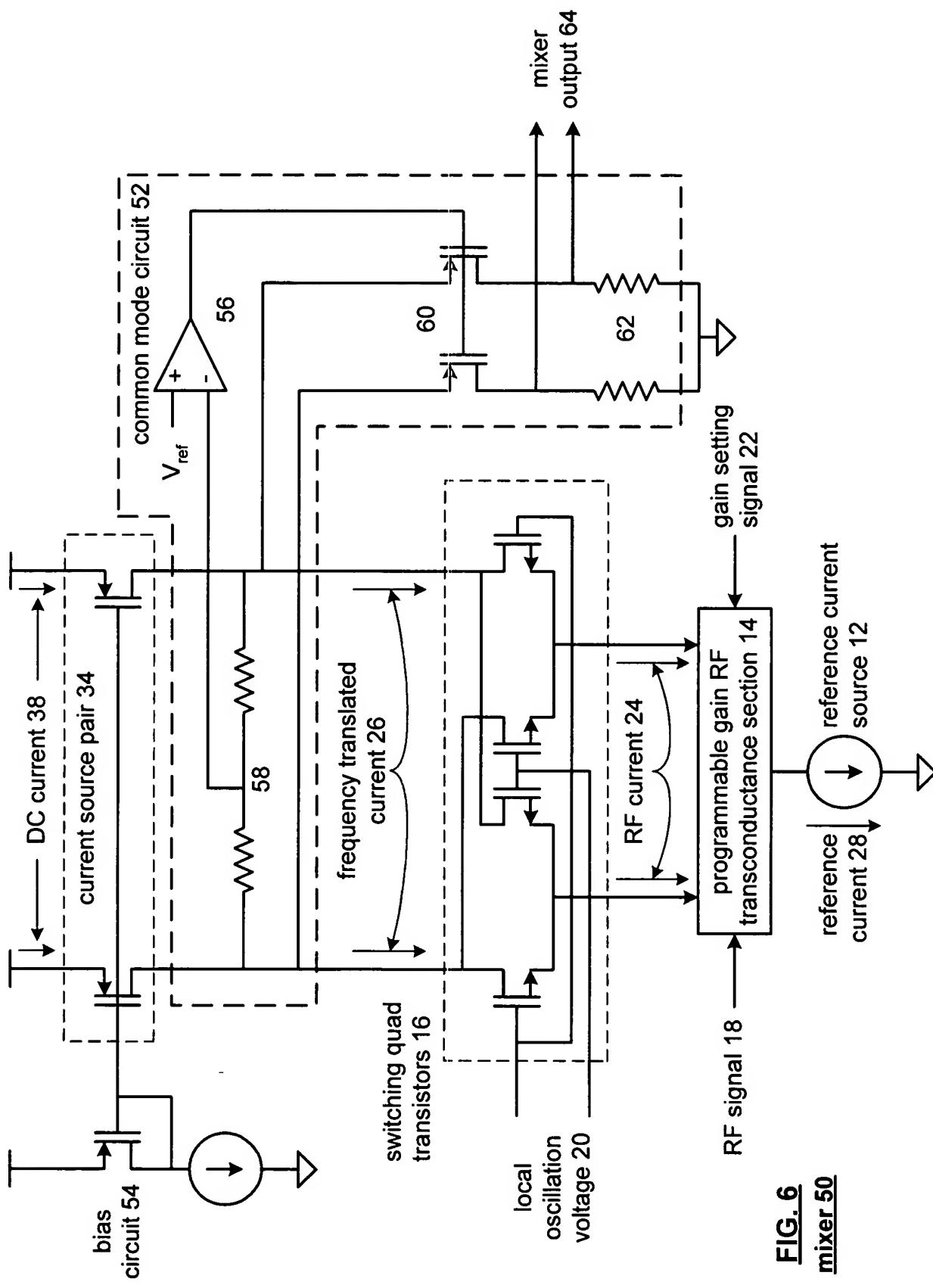
common mode circuit 32



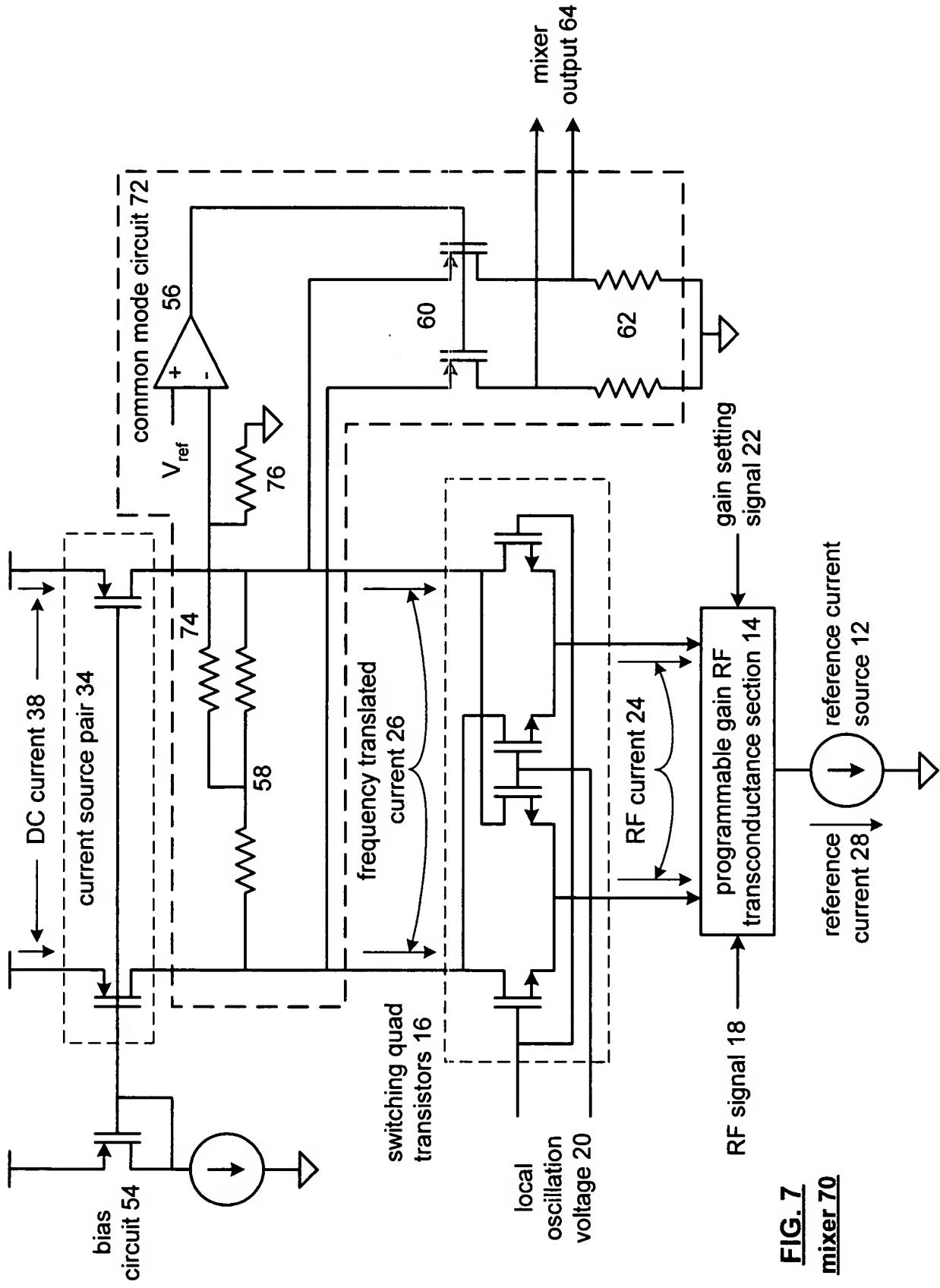
**FIG. 4**  
**mixer 30**



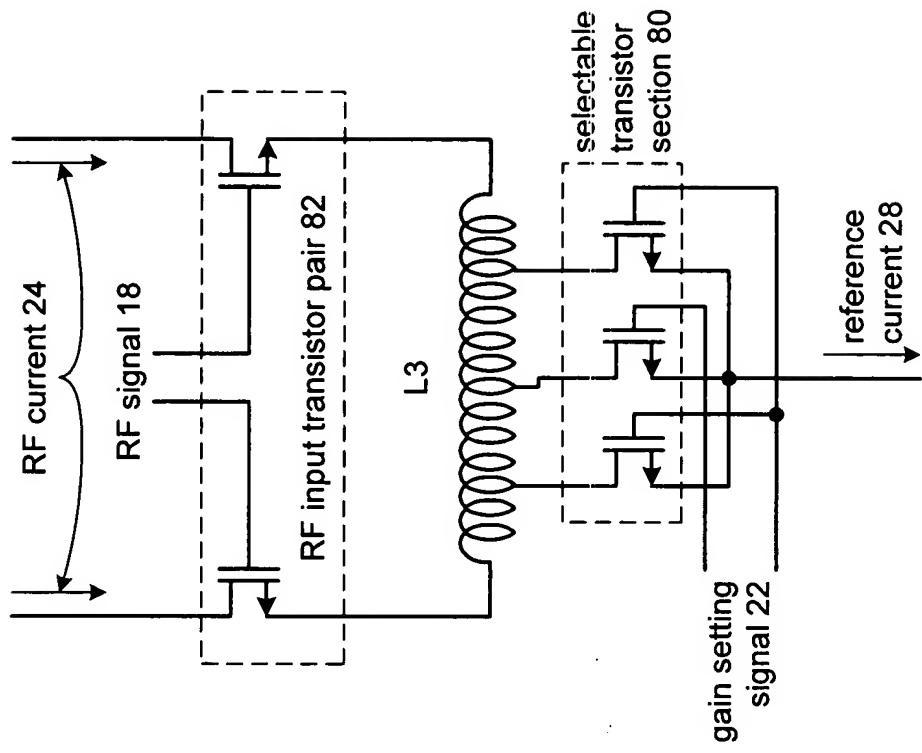
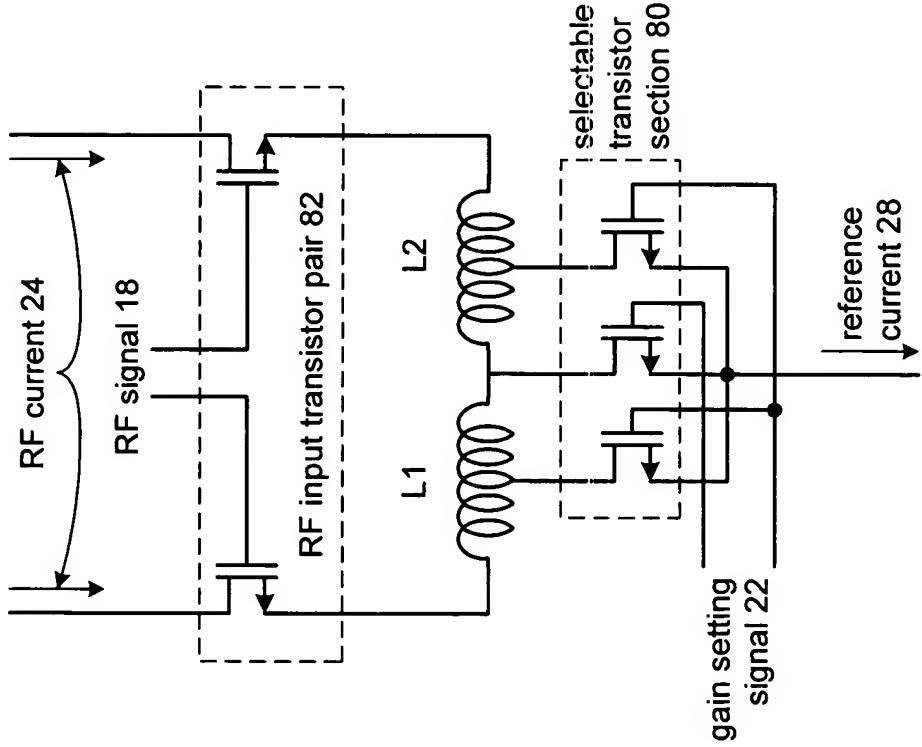
**FIG. 5**  
**mixer 40**



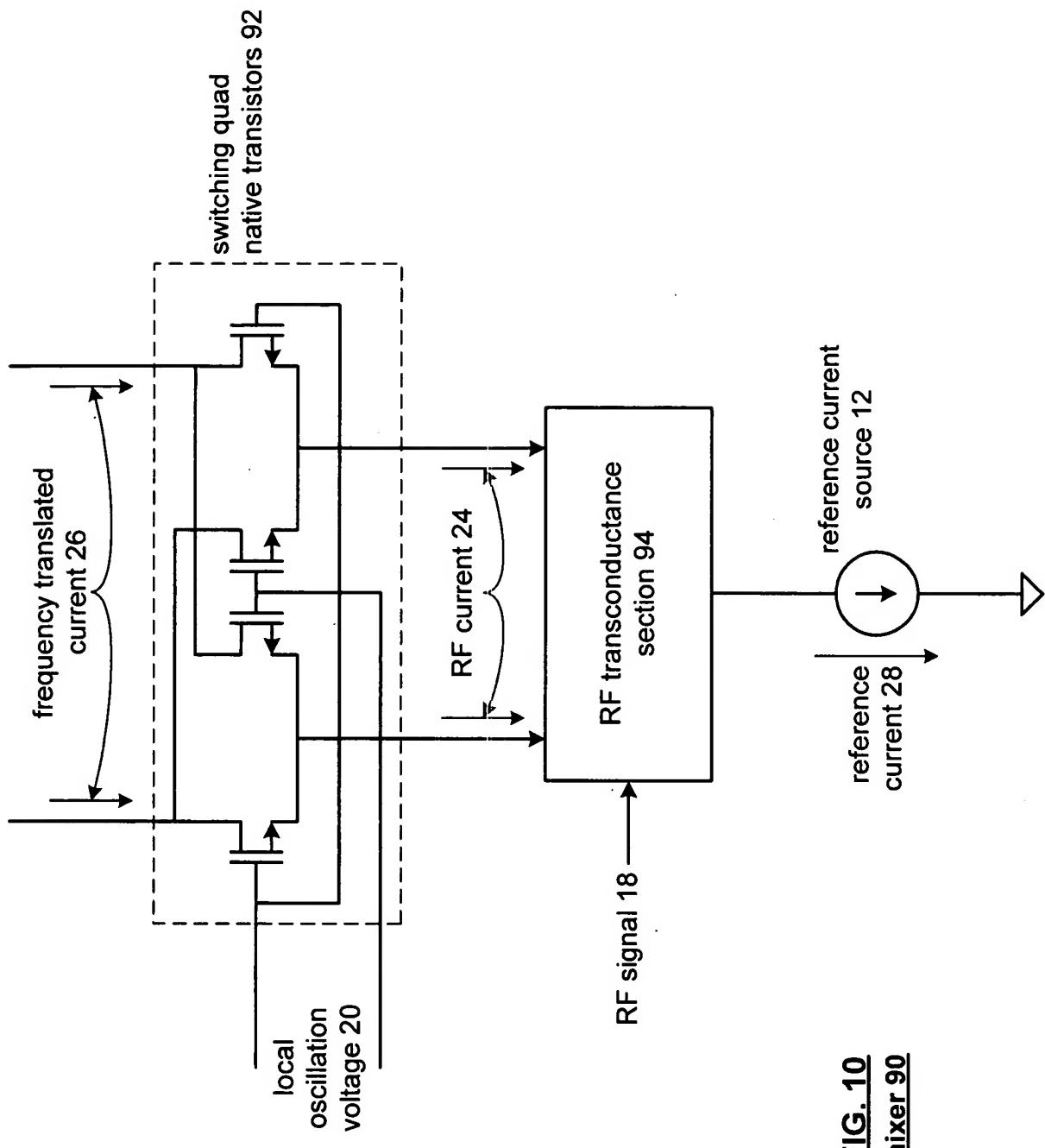
**FIG. 6**  
**mixer 50**



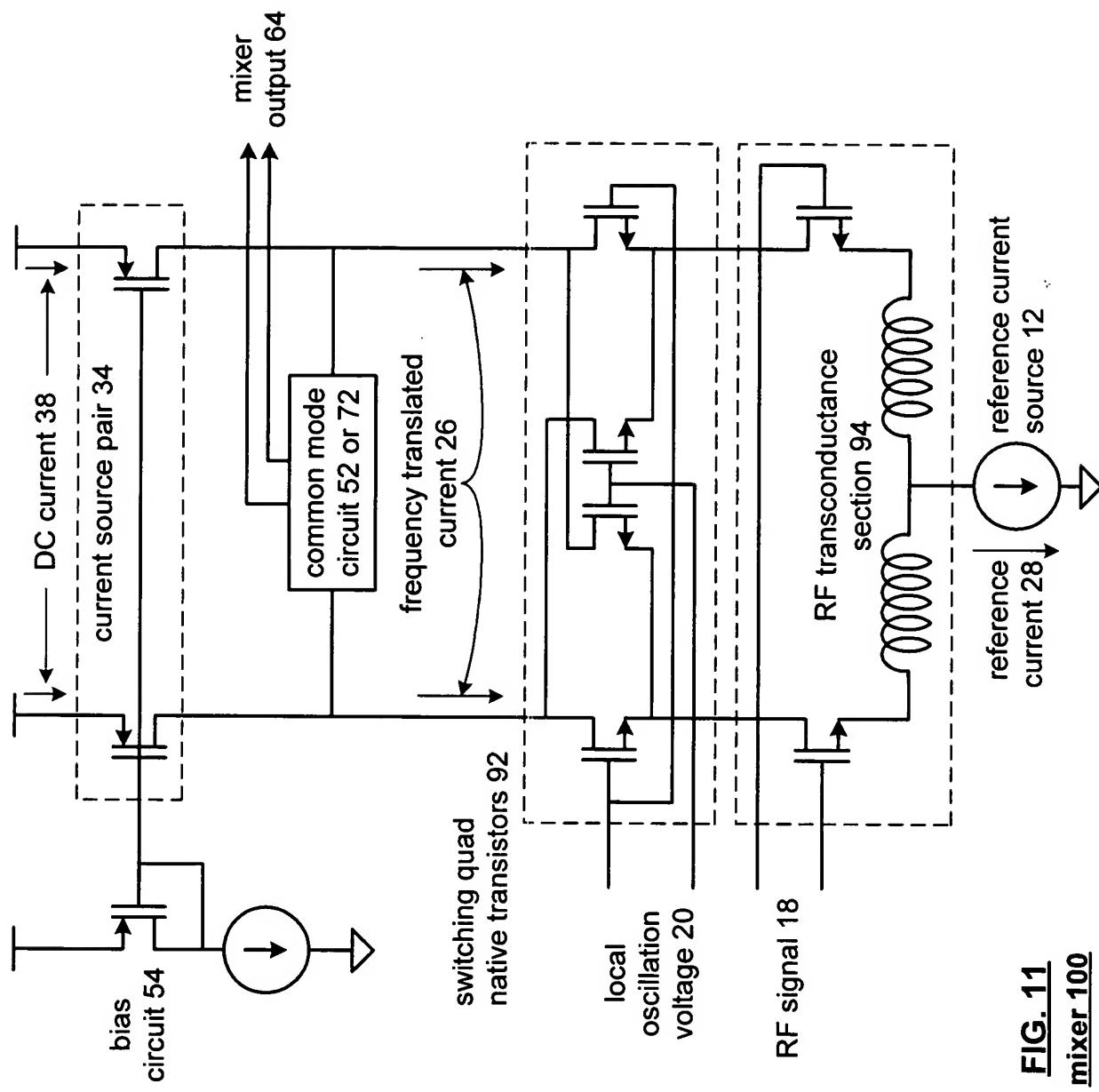
**FIG. 7**  
**mixer 70**



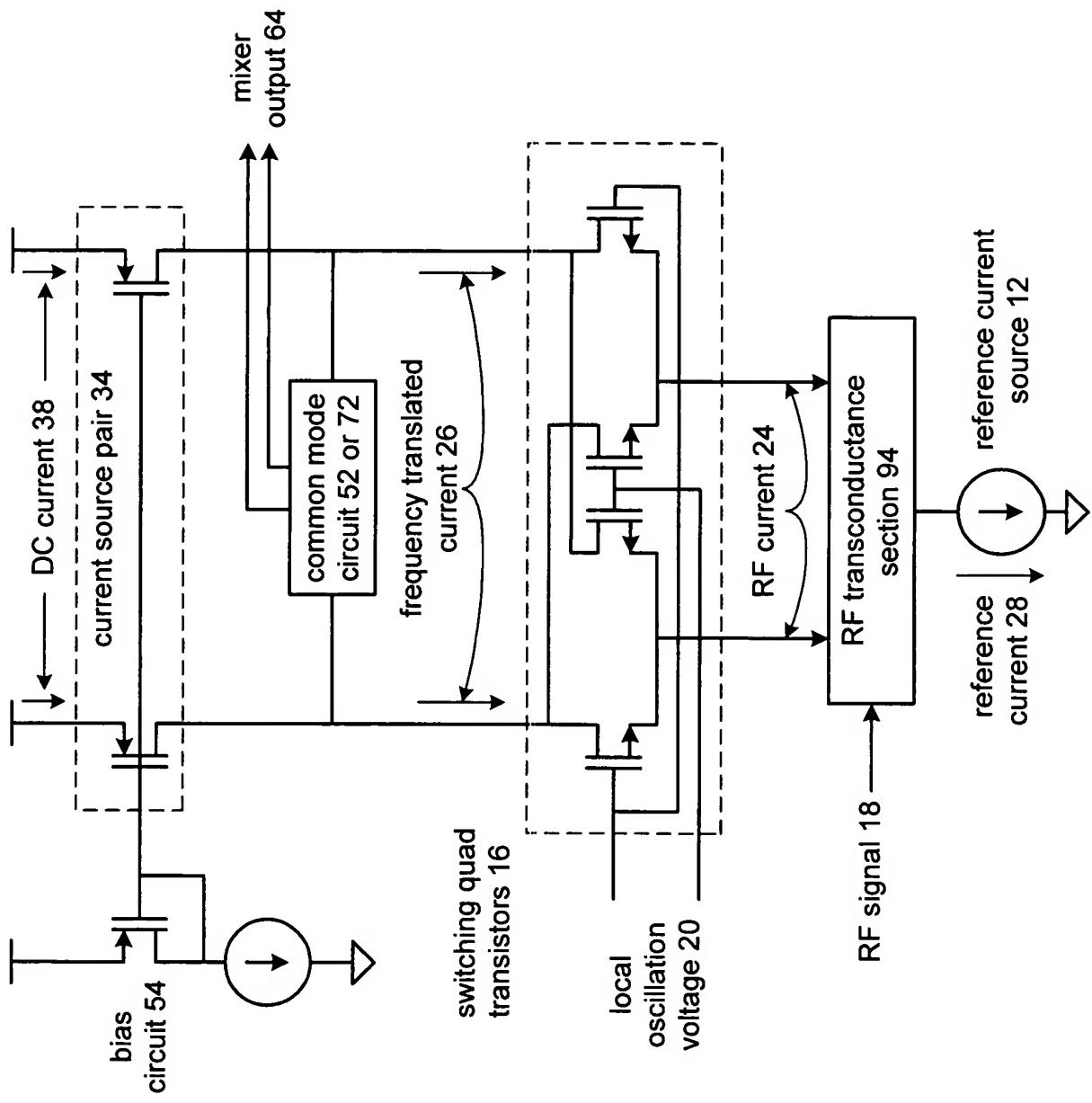
94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20



**FIG. 10**  
**mixer 90**

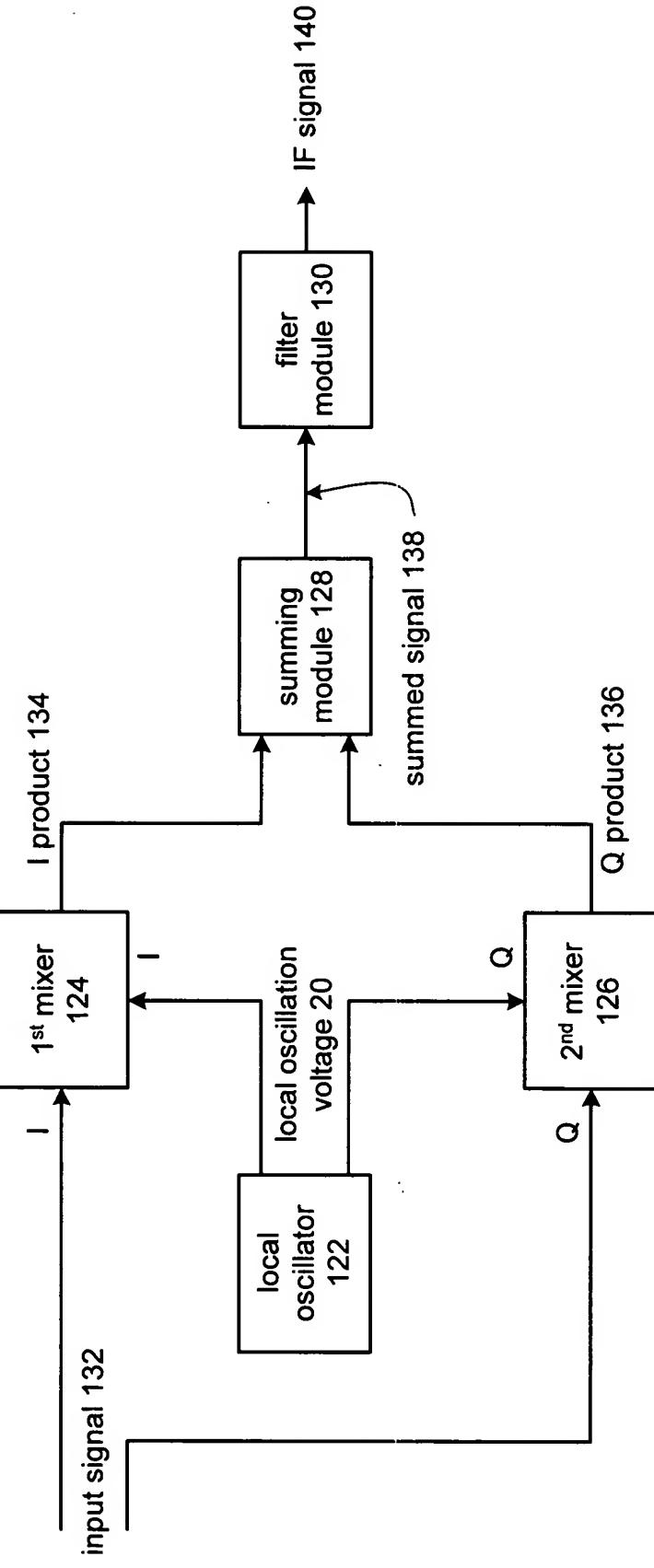


**FIG. 11**  
**mixer 100**



**FIG. 12**  
**mixer 110**

input signal 132



**FIG. 13**  
**IF module 120**